



APS NOTES:

1. PUSHBUTTONS ARE TO BE LOCATED SO THAT THEY CAN BE ACTIVATED BY A PERSON IN A WHEELCHAIR REACHING LESS THAN 18" FROM A 60" X 60" LEVEL LANDING AREA WITH A CROSS SLOPE OF LESS THAN OR EQUAL TO 2%.
2. THE 10' SEPARATION BETWEEN PUSHBUTTONS IS TO BE MEASURED FROM FACE OF PUSHBUTTON TO FACE OF PUSHBUTTON, NOT CENTER TO CENTER OF POLE.
3. PUSHBUTTON ARROWS ARE TO BE PARALLEL TO THE CROSSING FOR WHICH THEY ARE INTENDED.
4. LOCATION OF ACCESSIBLE PEDESTRIAN SIGNAL PUSHBUTTONS MUST MEET LOCATION REQUIREMENTS OF MUTCD SEC. 4E.09 AND FIG. 4E.2 AND THE NCHRP PUBLICATION, "ACCESSIBLE PEDESTRIAN SIGNALS: GUIDE TO BEST PRACTICE". IF NOT MET, THE CONTRACTOR IS TO STOP WORK ON PUSHBUTTON LOCATIONS UNTIL A DESIGN WAIVER IS OBTAINED, APPROVED BY THE DIRECTOR, OFFICE OF TRAFFIC AND SAFETY.
5. APS WILL FUNCTION AS FOLLOWS:

TO CROSS GREENBELT AT CUNNINGHAM

- A. WHEN A PEDESTRIAN LOCATES AND PRESSES THE PUSHBUTTON FOR AN EXTENDED TIME, THE PUSHBUTTON UNIT WILL ANNOUNCE THE FOLLOWING MESSAGE:
"WAIT TO CROSS GREENBELT AT CUNNINGHAM, WAIT."
B. WHEN THE "WALK" PHASE BEGINS, THE MESSAGE WILL BE A RAPID TICK, WHICH WILL LAST FOR THE DURATION OF THE "WALK" PHASE.

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GEOMETRIC CONSTRUCTION DETAILS:

- A. INSTALL PERPENDICULAR SIDEWALK RAMP (STANDARD NO. MD 655.11) (NOTE: ONE 24' X 60" DETECTABLE WARNING SURFACE).
B. INSTALL PARALLEL SIDEWALK RAMP (STANDARD NO. MD 655.12) (NOTE: TWO 24' X 60" DETECTABLE WARNING SURFACES).
C. INSTALL CUT-THROUGH WALKWAY (STANDARD NO. MD 655.21) (NOTE: TWO 24' X 60" DETECTABLE WARNING SURFACES).
D. INSTALL STANDARD TYPE A COMBINATION CURB AND GUTTER (STANDARD NO. MD 620.02) (NOTE: SLOPE OF CURB TO MATCH SIDEWALK GRADE).
E. INSTALL STANDARD TYPE A CURB (STANDARD NO. MD 620.02).
F. BEGIN 12:1 RAMP.
G. 48:1 LEVEL LANDING AREA.
H. TIE IN RAMP WITH EXISTING SIDEWALK AT JOINT.
J. TIE NEW CURB TO EXISTING CURB AT JOINT.
K. BACKFILL WITH SEED AND MULCH.

REDLINE 1
ADDITION OF SIGNAL TO PROJECT PG8925177

SHA

STATE OF MARYLAND
DEPARTMENT OF TRANSPORTATION
STATE HIGHWAY ADMINISTRATION
OFFICE OF TRAFFIC & SAFETY
TRAFFIC ENGINEERING DESIGN DIVISION
MD 193 (GREENBELT RD) AND
CUNNINGHAM DR
GREENBELT, MD

GEOMETRIC PLAN SHEET

SCALE 1" = 10' ADVERTISED DATE 09/2012 CONTRACT NO. PG8925177

DESIGNED BY CW COUNTY PRINCE GEORGE'S
DRAWN BY CW LOGMILE 16019305.31
CHECKED BY RM TMS NO. L274
F.A.P. NO. TOD NO.

TS NO. 3613C DRAWING SG-2 OF 2 SHEET NO. 7 OF 26

LEGEND SYMBOL

- 18" PED POLE FOUNDATION W/SIGN AND PUSHBUTTON
PED SIGN AND PUSHBUTTON
SIGNAL CABINET W/PAD
POWER PEDESTAL
HANDHOLE
CONDUIT RUN

GEOMETRIC LEGEND

- EXISTING SIDEWALK/CURB JOINT (APPROXIMATE)
NEW SIDEWALK AND ADA HANDICAP RAMP
SEED AND MULCH

BAI

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